

REMARKS

The present response is to provide a replacement of sequence listing CRF disks damaged during transit in responses mailed March 07, 2002 and July 19, 2002 in support of the present application.

The amendments to the specification detailed above are to provide unique sequence identifiers for each sequence provided in the specification and a corresponding sequence listing as required under 37 CFR § 1.1821 - 1.825. Specifically, sequence identifiers SEQ ID NO 7, SEQ ID NO 8, and SEQ ID NO 9 are provided as indicated on pages 26 and 28 of the specification.

Applicants believe that no new matter is added by way of the present response. Applicants respectfully request entry of the amendments and sequence listing provided herein and in supporting documents, including the CRF.

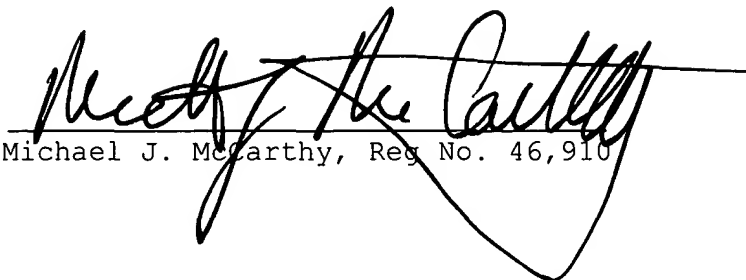
Applicants believe that the present response is a bona fide attempt to advance the application, and is substantially a complete reply to the Notice to Comply with Requirements for Patent Application Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed August 5, 2002. Therefore, if consideration of some matter or compliance with some requirement has been inadvertently omitted, Applicants respectfully request that the Examiner provide a new time period for reply under 37 C.F.R. § 1.134 to supply the omission.

The Examiner is requested to contact the representative for the Applicants, to discuss any questions or for clarification.

If there are any fees associated with this response, please
charge our Deposit Account 19-0962.

October 15, 2002

Date


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APPENDIX A

The paragraph starting at page 26, line 16 is amended as follows:

CP66:Stag:6G:g5

Similar to CP66:6G:g5 except that a sequence coding for the 15 aa Stag peptide epitope [KETAAAKFERQHMDS (SEQ ID NO:7); (Kim et al, J.S., Protein Sci., 2:348-356, 1993)] was inserted after Arg66 codon of CP. Stag epitope was inserted to immunolocalize the CP66:6G:g5 protein in protoplasts using the S-protein coupled to the FITC.

The paragraph starting at page 26, line 26 is amended as follows:

FCP66:6G:g5 A sequence coding for 9 aa Flag peptide epitope [MDYKDDDDK (SEQ ID NO:8); (Hopp et al, J. Immunol. Methods., 88:1-18, 1986)] was added before the Met1 codon of CP66:6G:g5 and cloned between Afl III (nt 125) and Sph I (nt 836). AV2 ORF is deleted in this construct. Flag epitope was added to immunoprecipitate the CP66:6G:g5 protein from protoplasts using the anti-Flag antibody.

The paragraph starting at page 28, line 12 is amended as follows:

TBC1AV2~CP~ Similar to BC1AV2~CP~ except that sequence coding for 11 aa T7 [MASMTGGQQMG (SEQ ID NO:9); (Krek et

al, Cell, 78:161-172, 1994)] epitope was added before the Met1 codon of BC1. T7 tag epitope was added to immunolocalize the BC1 protein in protoplasts using the anti-T7 tag antibody.